Sebastian Chavarry

Lima, Perú

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Experience

Amber   **Feb 2024 – Present**
Data Engineer   *Lima, Peru*
- Developed POC with a RAG pipeline using Langchain and a serverless chatbot with Amplify and Bedrock.
- Created a POC to index over 1000 documents and deliver precise streaming responses using Bedrock and Kendra.
- Researched ML and Generative AI for the CTO, creating internal tools that automated commercial activities.

Universidad de Lima   **Apr 2023 – Present**
Teaching Assistant   *Lima, Peru*
- Supported 6 Engineering courses by providing one-on-one student assistance and resolving technical issues in class.
- Conducted workshops on data analysis, web, and mobile development, enhancing students' technical skills.

Belcorp   **May 2023 – Feb 2024**
Software Engineer   *Lima, Peru*
- Led development of 20 RPA solutions using Python, boosting operational efficiency for tech and commercial teams.
- Partnered with the architecture team to optimize a legacy payroll platform using serverless AWS architecture.
- Created web scraping bots that reduced operational time by 60%, improving data integration and operational efficiency.

GyS Gestión y Sistemas   **Oct 2022 – May 2023**
Software Engineer Intern   *Lima, Peru*
- Successfully completed a comprehensive Web Development Bootcamp, standing out among 50 participants.
- Developed Angular frontend components, enhancing the user interface for an ecommerce management system.
- Created and integrated REST APIs using .NET, facilitating seamless data exchange and enhancing system connectivity.

Crack the Code   **Jun 2022 – April 2023**
Programming Teacher   *Latin America, Remote*
- Taught weekly programming courses to 50+ Latin American students, fostering computational thinking skills.
- Supported women in a Bogota web development course, ensuring program completion with technical assistance.

Technical Skills

Languages: Python, Javascript, Typescript, C# , SQL, Java, Kotlin, R
Developer Tools: Linux, GitHub, Microsoft Server SQL Server, PostgreSQL, Postman, AWS, Azure
ML/AI/Data: Tensorflow, Pytorch, Langchain, FastAI, Sklearn, Matplotlib, Numpy, Pandas, PowerBI, Tableau, Airtable
Frameworks: Django, Angular, React, ASP.NET, NextJS, Flask
Certifications: AWS Cloud Practitioner, Microsoft Azure Fundamentals, Scrum Fundamentals Certified

Education

Universidad de Lima
Bachelor of Science in Systems Engineering. GPA: 17.7/20 (Upper Tenth)   *Lima, Peru*

Universidad Adolfo Ibáñez
Semester abroad. Coursework: Machine Learning. GPA: 6.4/7   *Viña del Mar, Chile*

Universidad Católica de Colombia
Semester abroad. Coursework: Algorithms, Android Development, Quantum Computing. GPA: 9.2/10   *Bogota, Colombia*

Relevant Coursework

- UX/UI Design
- Algorithms Analysis
- Database Management
- Software Architecture
- Software Engineering
- Applied Statistics
- Machine Learning
- Data Engineering

Honors & awards

AWS All Builders Welcome Grant: Selected to attend AWS re:Inforce 2024 fully sponsored by AWS.
Professor of Q: Award given to the best teachers at Crack the Code with the highest evaluation scores.
Imagine UAI Global Classroom Scholarship: Full ride scholarship to study at Universidad Adolfo Ibáñez.
PAME UDAL Scholarship: Full ride scholarship to study at Universidad Católica de Colombia
Springer Publication: First-authored "Implementation of a Serious Game to Develop Computational Thinking Skills".

Extracurriculars

Makers Coding Fellowship: Received mentoring from top LATAM startups, selected from over 670 applicants.
Class Representative: Represented colleagues in 20 courses, advocating for improvements with the faculty secretary.
180 Degrees Consulting: Guided strategic startup development through workshops and mentorship.
Peruvian Debate Society: Won leadership and public speaking awards at Harvard MUN conferences in 2022.